



EXAMPLE_BATCH

Batch Report

Testing Laboratory Name

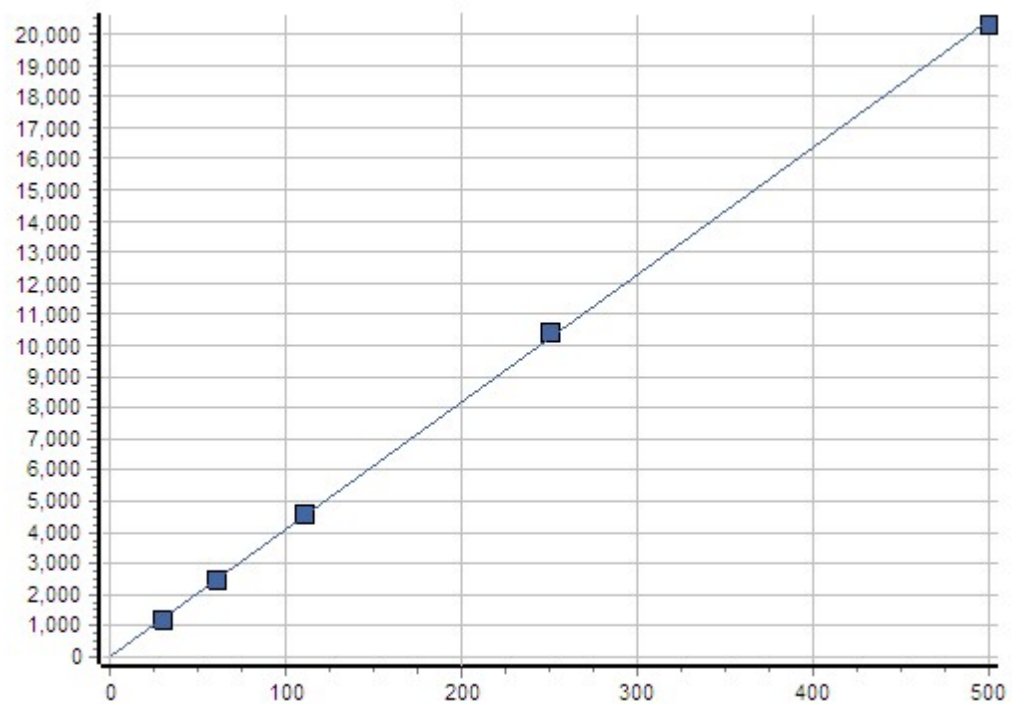
Batch Details

Batch ID EXAMPLE_BATCH	Created On 12/28/2014
Analysis Total Perroleum Hydrocarbons	Created By USER
Analyte TPH	Calibrated On 12/28/2014
Method Total Perroleum Hydrocarbons by GC-FID	Calibrated By Jhon
Instrument GC-FID-01	Analyzed On 12/28/2014
Reference EPA	Analyzed By Lewis
Standard Solvent Distilled Water	Last Updated On 1/7/2015
Sample Solvent Distilled Water	Batch Status Completed, Approved

Calibration Standards

Level	Include Calib.	Standard Name	Concentration (mg/L)	Response (Peak Area)	RSD	Calc. Conc. (mg/L)	Error	Error %	Remark
1	True	Standard 1	30	1200.000	0.00	29.333	-0.667	-2.223	cadmium chloride
2	True	Standard 2	60	2479.667	1.06	60.614	0.614	1.023	
3	True	Standard 3	110	4600.000	0.00	112.444	2.444	2.221	
4	True	Standard 4	250	10480.000	0.00	256.176	6.176	2.470	
5	True	Standard 5	500	20305.000	0.00	496.341	-3.659	-0.732	

Calibration Curve



Calibration Result

Fitting Type=Linear

Equation= $Y = A * X$

A=40.9093892433911 Std. Err. 0.243555359240372

R Square=0.999670827575639

Number of Points=6 (Include origin)

Regression Std. Error=139.720982687426

MDL (mg/L)=15.7353387985503

Critical Concentration (mg/L)=7.86766939927515

Critical Response (Peak Area)=321.861549893264

Unknown Samples

No.	Sample Name	Response (Peak Area)	RSD	Calc. Conc. (mg/L)	Total Vol (L)	Initial Sample Wt (Kg)	Dilution Factor	Custom Factor	Sample Conc. (mg/Kg)	Remarks
1	Blank	400.000	0.00	9.778	0.1	0.05	2	1	39	
2	Quality Control 50 mg/L	2434.000	0.00	59.497	1	1	1	1	59	Factors = 1 for all
3	Sample 1	3533.667	2.99	86.378	0.1	0.1	2	1	173	
4	Sample 2	6545.000	8.79	159.988	0.1	0.1	1	1	160	

Calibrated By
Jhon

Analyzed By
Lewis

Lab Manager
